

Figure 1

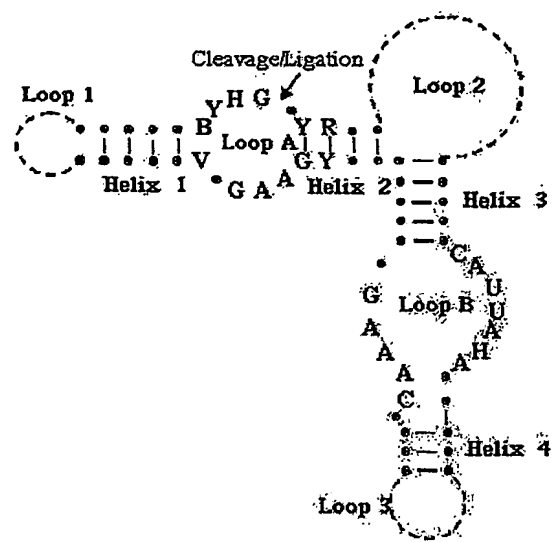


Figure 2

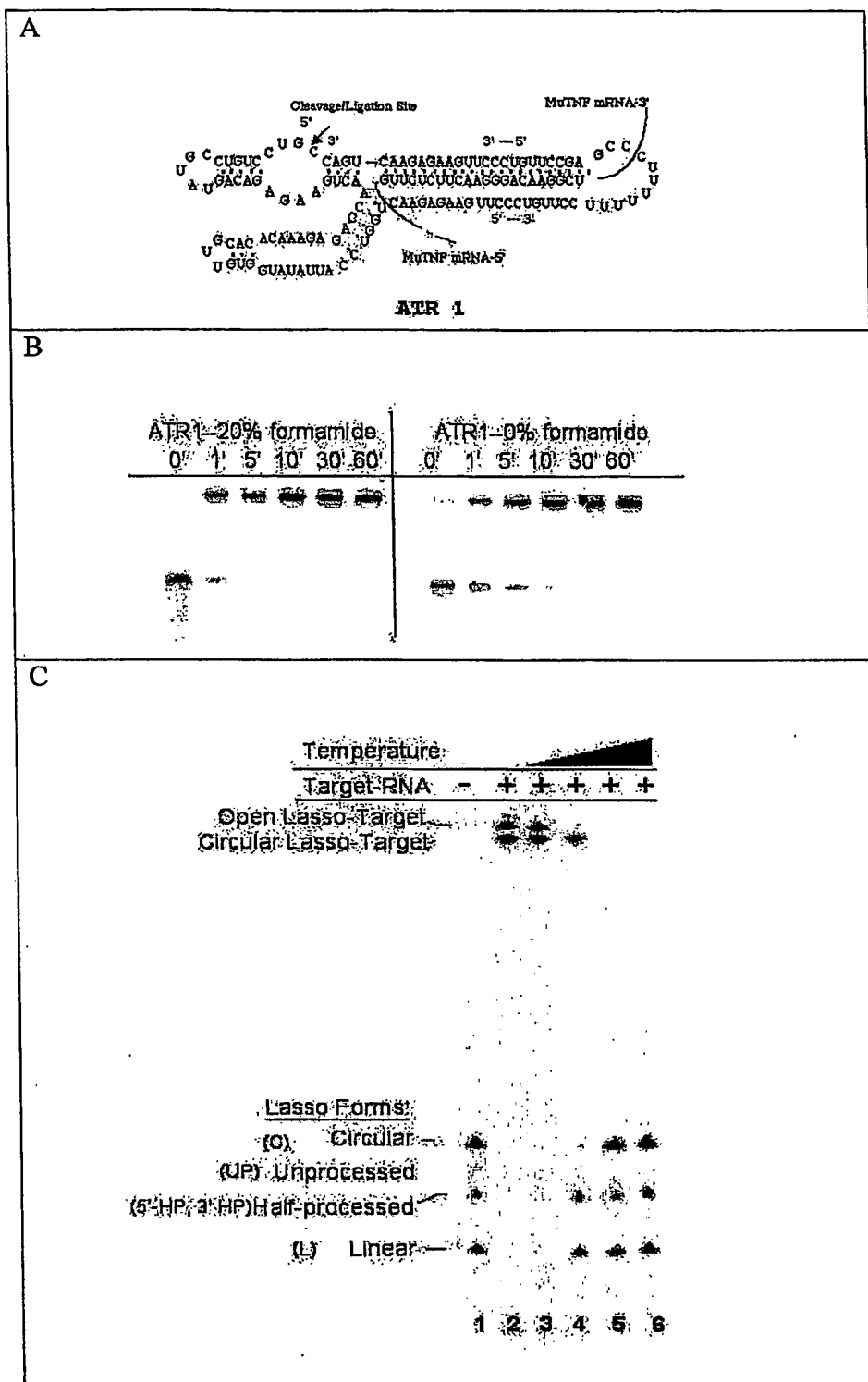


Figure 3

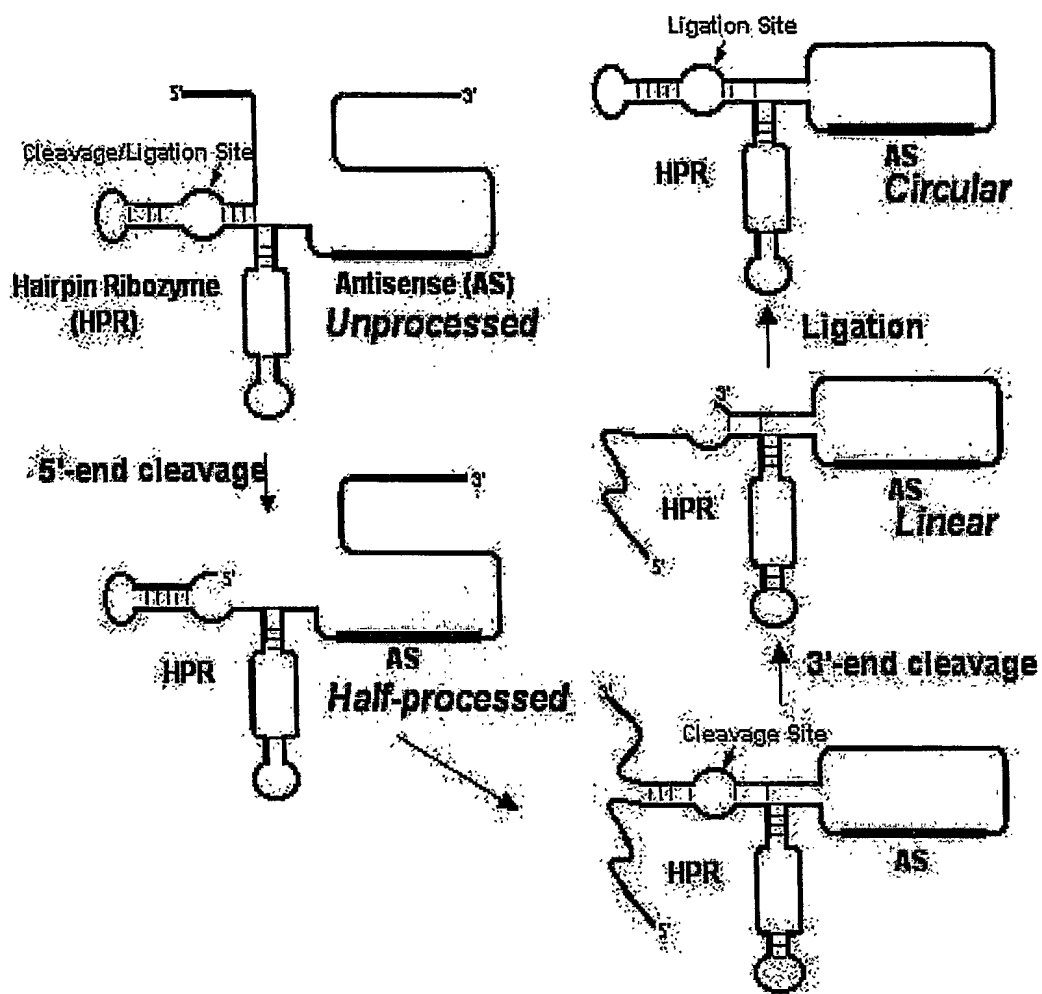


Figure 4

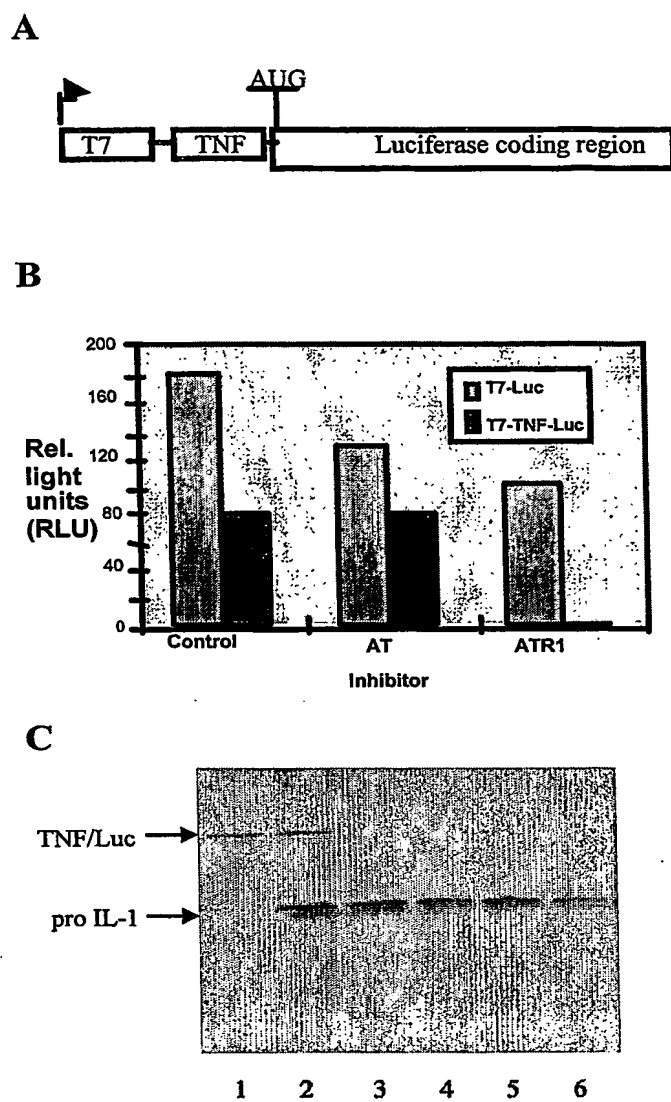
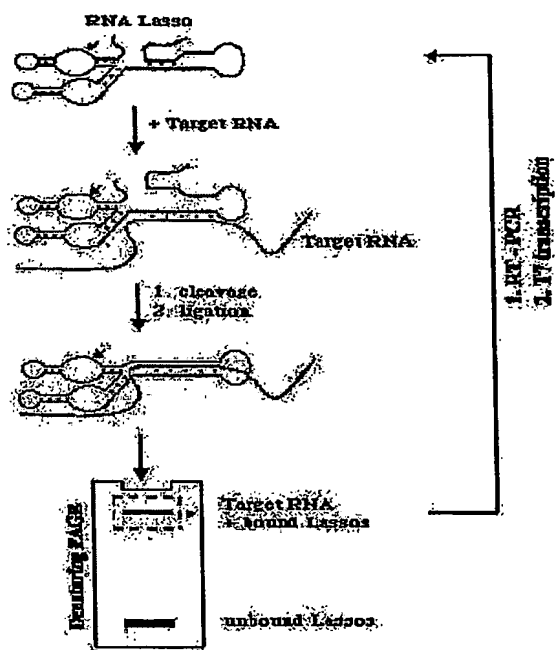


Figure 5

A



B

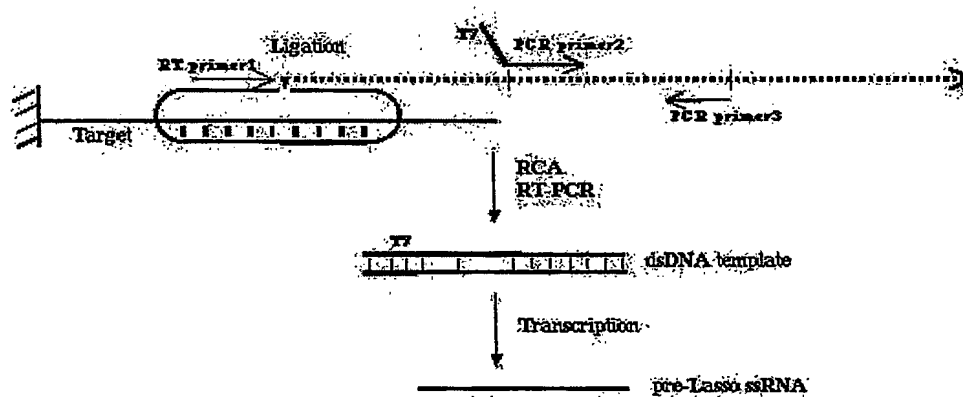


Figure 7

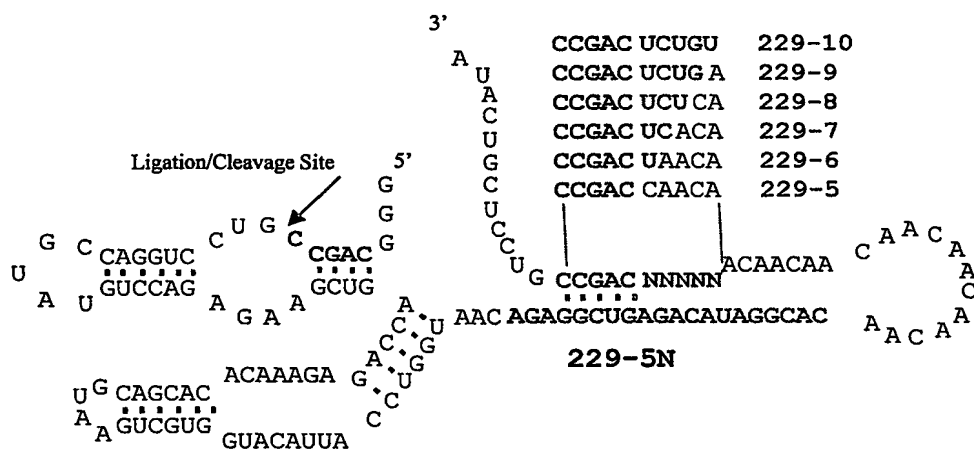


Figure 8

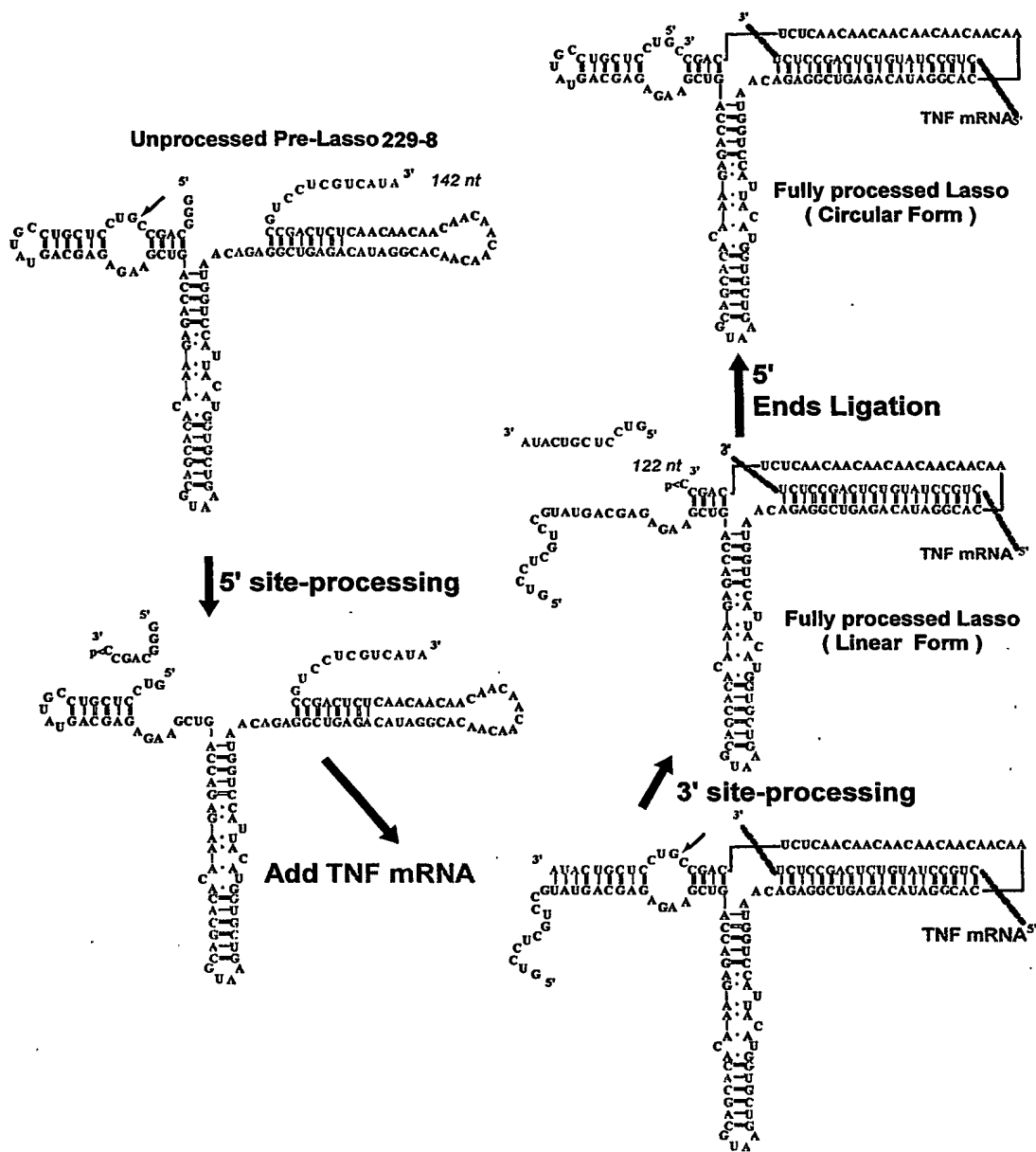


Figure 9A

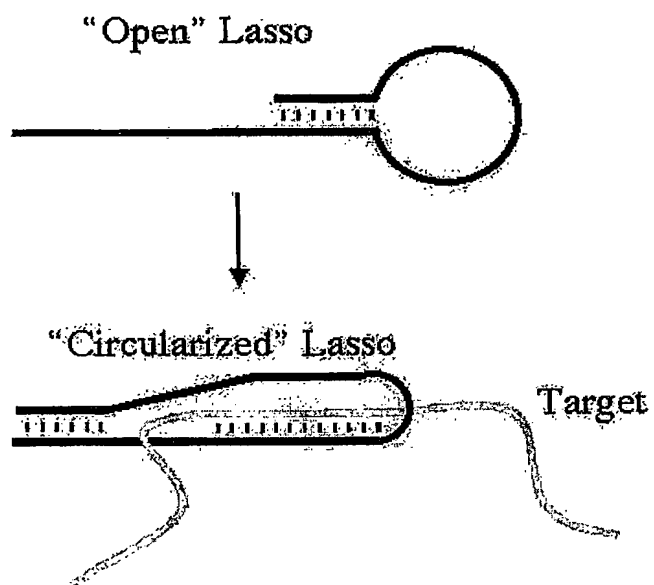
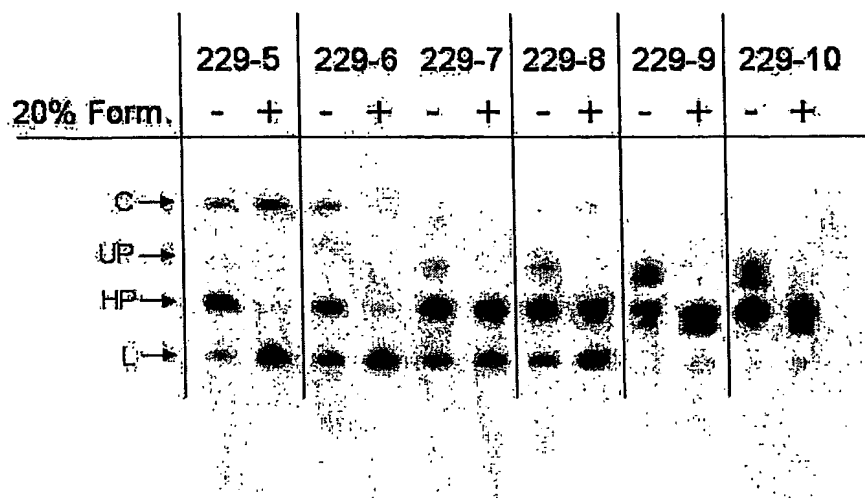


Figure 9B

**Figure 10**

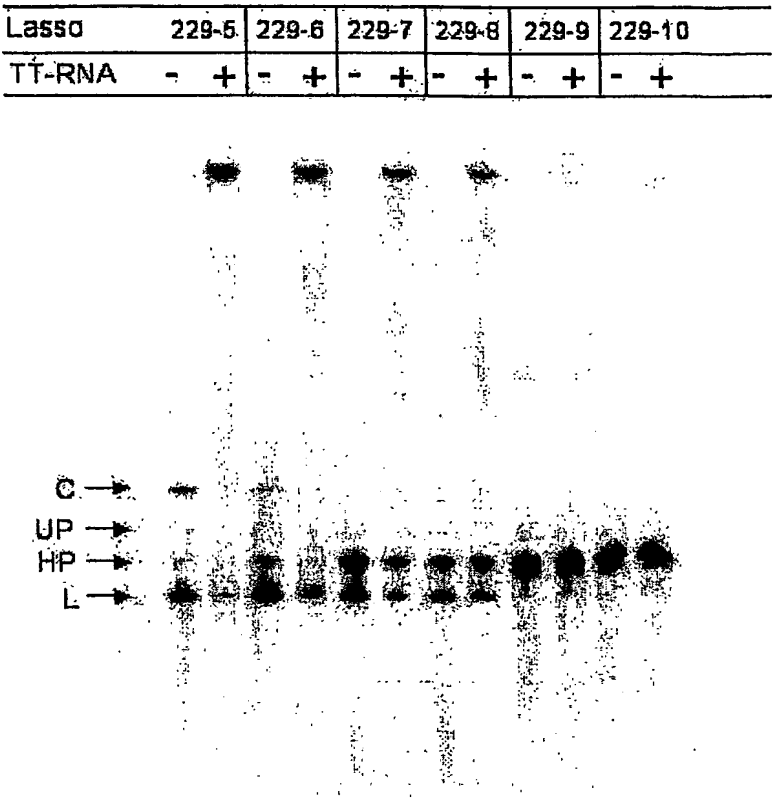
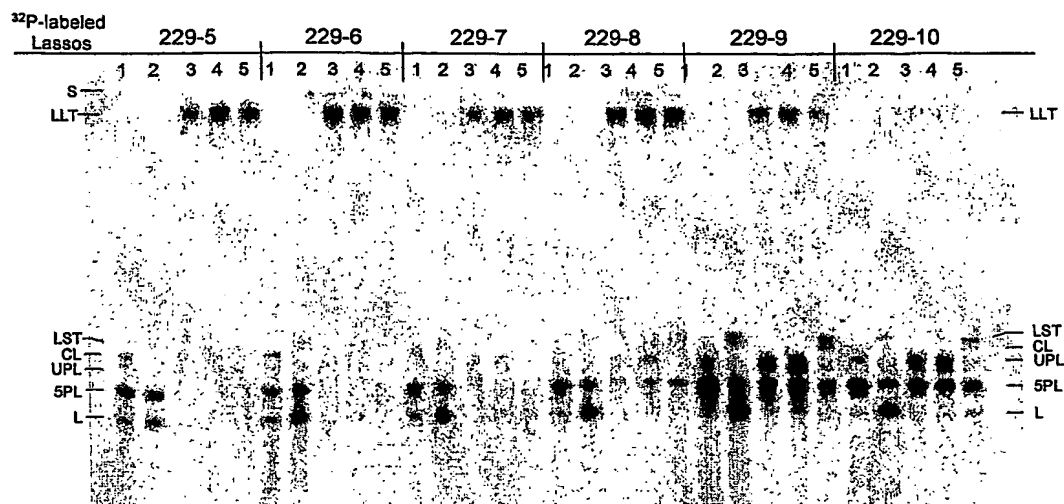


Figure 11

**Figure 12**

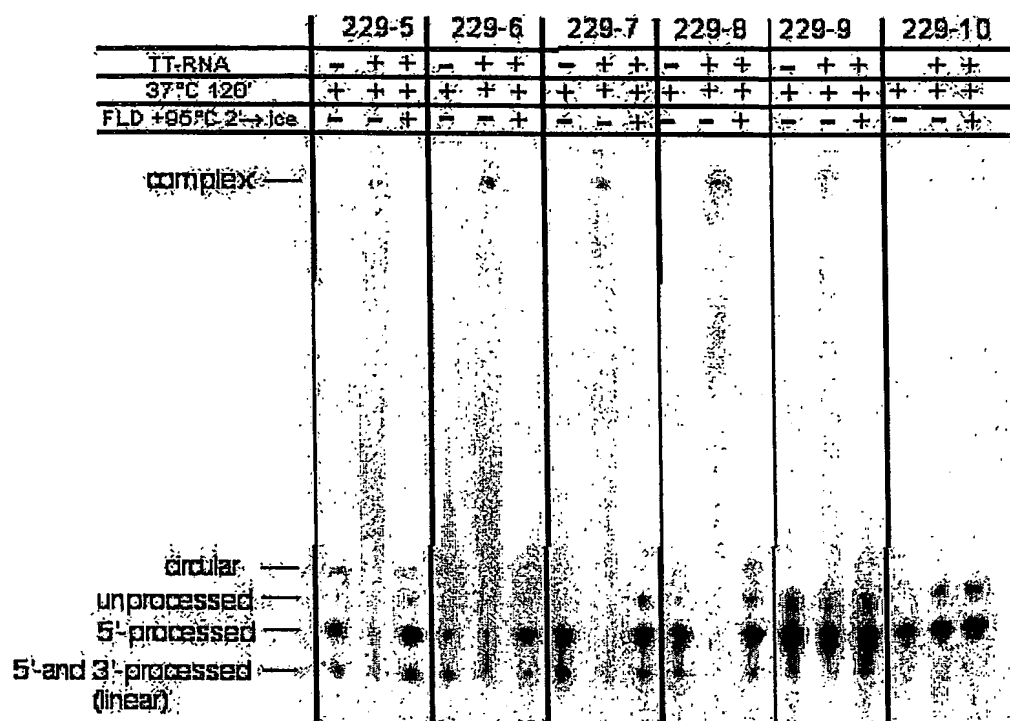


Figure 13

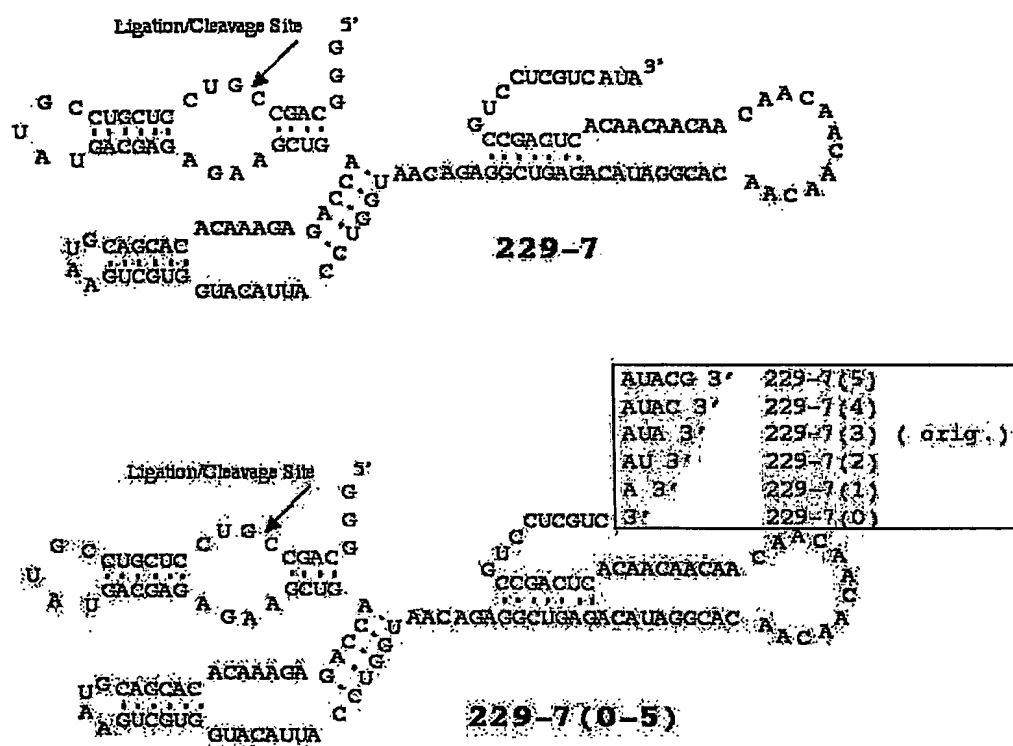


Figure 14

Lasso	229-7(0)			229-7(1)			229-7(2)			229-7(3)			229-7(4)			229-7(5)		
90°C 2' → ice	-	-	+	-	-	+	-	-	+	-	-	+	-	-	+	-	-	+
TT-RNA	-	+	+	-	+	+	-	+	+	-	+	+	-	+	+	-	+	+

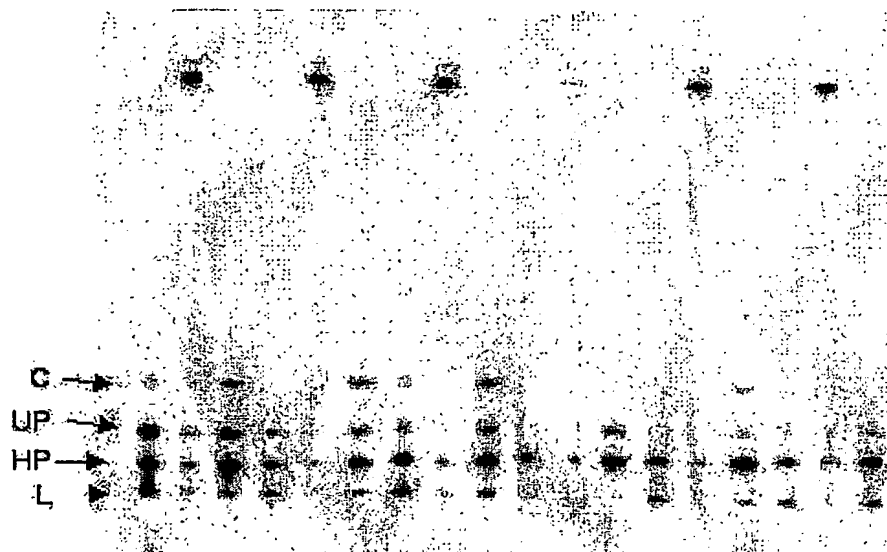


Figure 15

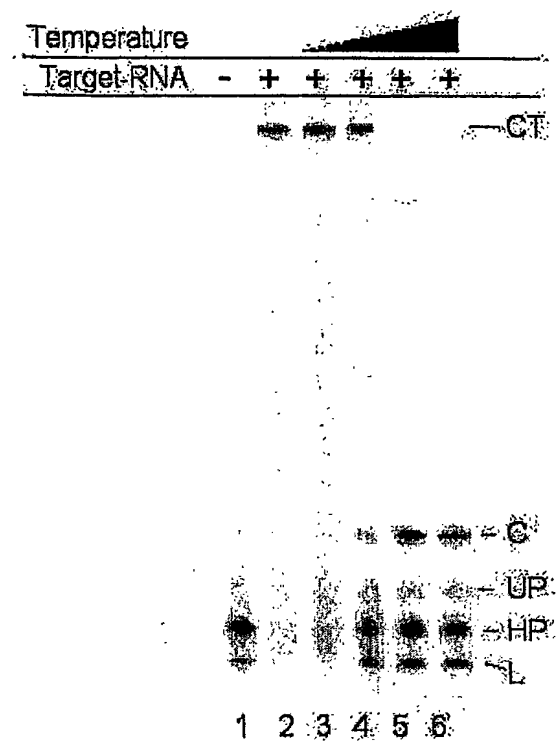


Figure 16

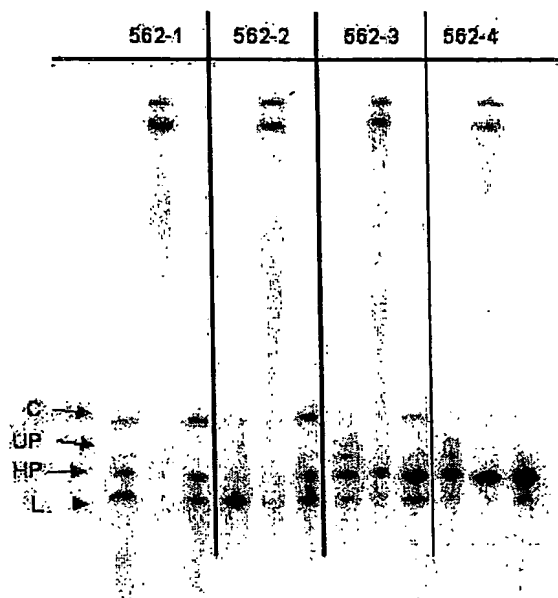
Lasso	229-5						229-7(0)					
Phys. buffer**	-	-	-	+	+	+	-	-	-	+	+	+
Std. Buffer*	+	+	+	-	-	-	+	+	+	-	-	-
90°C 2' → 10 min	-	-	+	-	-	+	-	-	+	-	-	+
TT-RNA	-	+	+	-	+	+	-	+	+	-	+	+

****Standard Buffer":**
 50 mM Tris-Cl, pH8
 10 mM MgCl₂
 20% formamide

*****Physiological buffer":**
 20 mM HEPES, pH7.3
 140 mM KCl
 10 mM NaCl
 1 mM MgCl₂
 1 mM CaCl₂



Figure 17

**Figure 19**

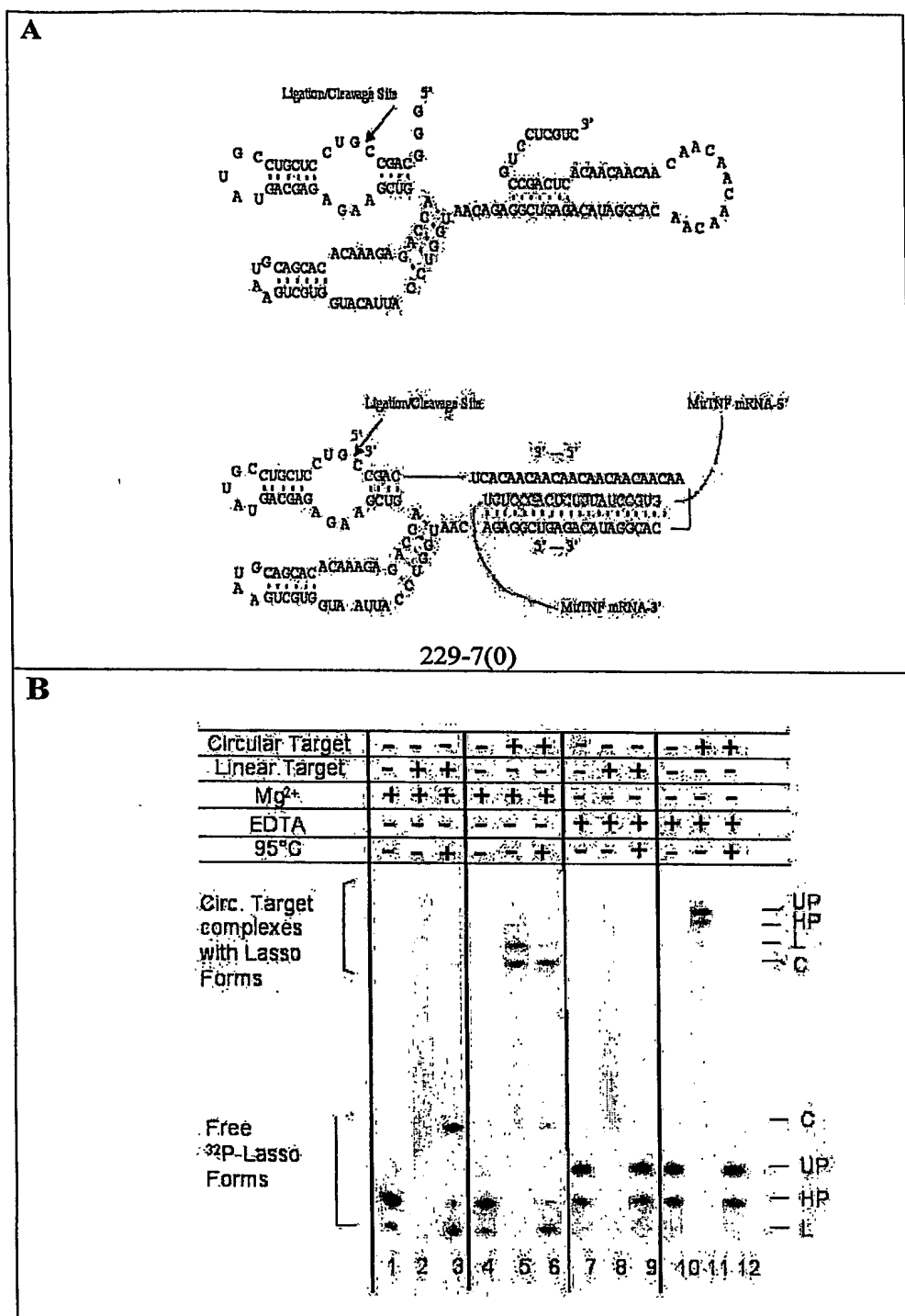


Figure 20

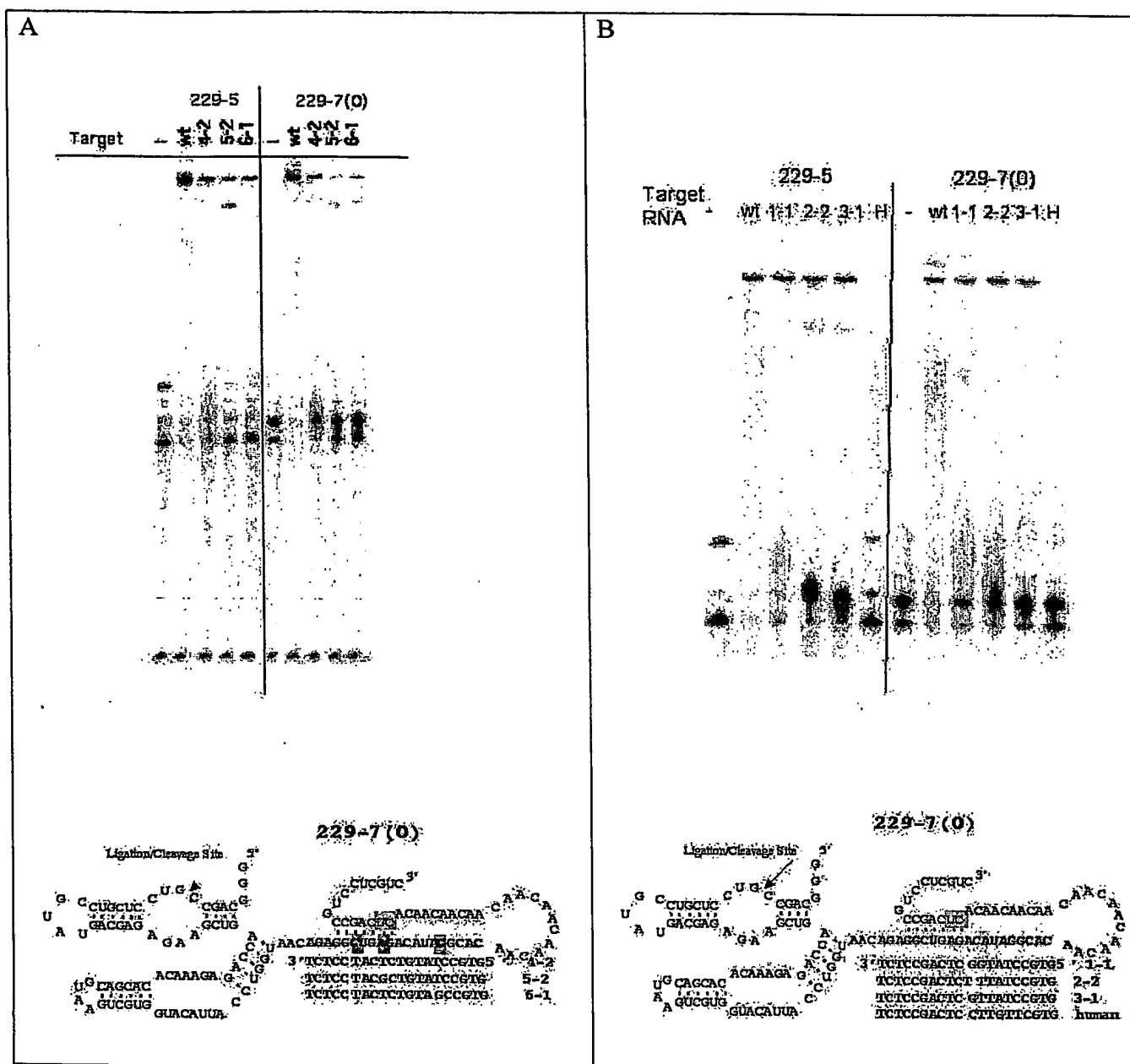
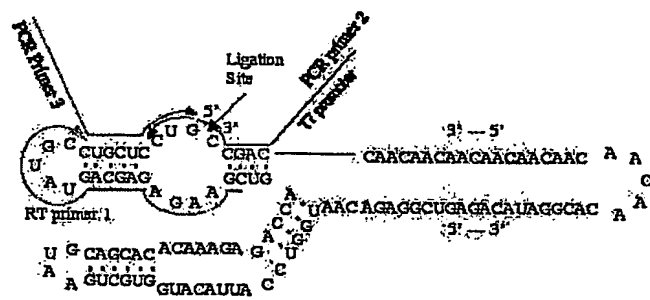
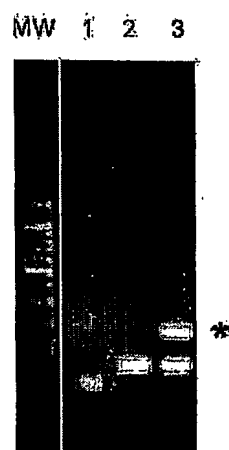


Figure 21

A



B



C



Figure 22

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.